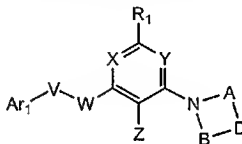


AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims

1. (currently amended) A compound selected from compounds of Formula (Ia) and pharmaceutically acceptable salts, hydrates, and solvates thereof:



(Ia)

~~or a pharmaceutically acceptable salt, hydrate or solvate thereof,~~

wherein:

A and B are independently C₁₋₃ alkylene optionally substituted with 1 to 4 methyl groups;

D is O-, S-, S(O)-, S(O)₂-, CR₂R₃ or N-R₂;

~~V is selected from the group consisting of C₁₋₃ alkylene, ethynylene and C₁₋₂~~

~~heteroalkylene wherein each are optionally substituted with 1 to 4 substituents selected from the group consisting of C₁₋₃ alkyl, C₁₋₄ alkoxy, carboxy, cyano, C₁₋₃ haloalkyl and halogen; or~~

V is absent;

W is NR₄[[,]] or O-, S-, S(O)- or S(O)₂-, or

~~W is absent;~~

X is N- or CR₅;

Y is N- or CR₆;

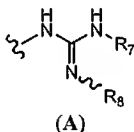
~~Z is selected from the group consisting of C₁₋₅ acyl, C₁₋₅ acyloxy, C₁₋₄ alkoxy, C₁₋₈ alkyl, C₁₋₄ alkylcarboxamide, C₁₋₄ alkylthiocarboxamide, C₁₋₄ alkylsulfonamide, C₁₋₄ alkylsulfinyl, C₁₋₄ alkylsulfonyl, C₁₋₄ alkythio, C₁₋₄ alkylthioureyl, C₁₋₄ alkylureyl, amino, C₁₋₂ alkylamino, C₂₋₄ dialkylamino, carbo-C₁₋₆ alkoxy, carboxamide, carboxy, cyano, C₄₋₆ diacylamino, C₂₋₆ dialkylcarboxamide, C₁₋₄ dialkylthiocarboxamide, C₂₋₆ dialkylsulfonamide, C₁₋₄ dialkylsulfonylamino, formyl, C₁₋₄ haloalkoxy, C₁₋₄ haloalkyl, C₁₋₄ haloalkylcarboxamide, C₁₋₄~~

haloalkylsulfinyl, C₁₋₄ haloalkylsulfenyl, C₁₋₄ haloalkylthio, halogen, aryl, heterocyclic, heteroaryl, hydroxyl, hydroxylamino, nitro and tetrazolyl, wherein C₁₋₈ alkyl and C₁₋₅ acyl are each optionally substituted with 1, 2, 3 or 4 groups selected from the group consisting of C₁₋₅ acyl, C₁₋₅ acyloxy, C₁₋₄ alkoxy, C₁₋₄ alkylcarboxamide, C₁₋₄ alkylsulfonamide, C₁₋₄ alkylsulfinyl, C₁₋₄ alkylsulfenyl, C₁₋₄ alkylthio, C₁₋₄ alkylureyl, amino, C₁₋₂ alkylamino, C₂₋₄ dialkylamino, carbo-C₁₋₆ alkoxy, carboxamide, carboxy, cyano, formyl, C₁₋₄ haloalkoxy, C₁₋₄ haloalkylsulfinyl, C₁₋₄ haloalkylsulfenyl, C₁₋₄ haloalkylthio, halogen, hydroxyl, hydroxylamino and nitro; or

Z is selected from the group consisting of C₁₋₅ acyl, C₁₋₈ alkyl, C₁₋₄ alkylcarboxamide, amino, cyano, C₄₋₈ diacylamino, C₂₋₆ dialkylsulfonamide, formyl, halogen, heterocyclic, and nitro wherein C₁₋₈ alkyl and C₁₋₅ acyl are each optionally substituted with 1 or 2 groups selected from the group consisting of C₂₋₄ dialkylamino, hydroxy, and halogen; or

Z is selected from the group consisting of nitro, amino, formyl, NHC(O)CF₃, Br, NHC(O)CH₃, N(C(O)CH₃)₂, N(S(O)₂CH₃)₂, CH₃, [1,3]dioxolan-2-yl, CH₂OH, CH₂N(CH₃)₂, and C(O)CH₃; or

Z is a group of Formula (A):



wherein:

R₇ is H, C₁₋₈ alkyl or C₃₋₆ cycloalkyl; and

R₈ is H, nitro or nitrile;

Ar₁ is aryl or heteroaryl wherein each are is optionally substituted with R₉-R₁₃;

R₁ is selected from the group consisting of H, C₁₋₅ acyloxy, C₂₋₆ alkenyl, C₁₋₄ alkoxy, C₁₋₈ alkyl, C₁₋₄ alkylcarboxamide, C₂₋₆ alkynyl, C₁₋₄ alkylsulfonamide, C₁₋₄ alkylsulfinyl, C₁₋₄ alkylsulfenyl, C₁₋₄ alkylthio, C₁₋₄ alkylureyl, amino, C₁₋₄ alkylamino, C₂₋₄ dialkylamino, carboxamide, cyano, C₂₋₆ cycloalkyl, C₂₋₆ dialkylcarboxamide, C₂₋₆ dialkylsulfonamide, halogen, C₁₋₄ haloalkoxy, C₁₋₄ haloalkyl, C₁₋₄ haloalkylsulfinyl, C₁₋₄ haloalkylsulfenyl, C₁₋₄ haloalkylthio and hydroxyl;

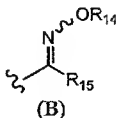
R₁ is selected from the group consisting of H, C₁₋₄ alkoxy, C₁₋₈ alkyl, C₂₋₆ alkynyl, amino, C₃₋₆ cycloalkyl, and C₁₋₄ haloalkyl;

R_2 is selected from the group consisting of H, C_{1-5} acyl, C_{1-5} acyloxy, C_{1-4} alkoxy, C_{1-8} alkyl, C_{1-4} alkylcarboxamide, C_{1-4} alkylthiocarboxamide, C_{1-4} alkylsulfinyl, C_{1-4} alkylsulfonyl, C_{1-4} alkylthio, amino, carbo- C_{1-6} -alkoxy, carboxamide, carboxy, ~~cyano~~, C_{3-6} -cycloalkyl, C_{2-6} dialkylcarboxamide, C_{1-4} haloalkoxy, C_{1-4} haloalkyl, halogen, ~~heteroaryl~~, hydroxyl, CH_2OCH_2 -cyclopropyl, CH_2OCH_2 -cyclobutyl, CH_2OCH_2 -cyclopentyl, CH_2OCH_2 -cyclohexyl, $CH_2OCH_2CH_2$ -cyclopropyl, $CH_2OCH_2CH_2$ -cyclobutyl, $CH_2OCH_2CH_2$ -cyclopentyl, $CH_2OCH_2CH_2$ -cyclohexyl, $CH_2CH_2OCH_2$ -cyclopropyl, $CH_2CH_2OCH_2$ -cyclobutyl, $CH_2CH_2OCH_2$ -cyclopentyl, $CH_2CH_2OCH_2$ -cyclohexyl, $CH_2CH_2OCH_2CH_2$ -cyclopropyl, $CH_2CH_2OCH_2CH_2$ -cyclobutyl, $CH_2CH_2OCH_2CH_2$ -cyclopentyl, and $CH_2CH_2OCH_2CH_2$ -cyclohexyl; or, and phenyl; and wherein

R_2 is C_{1-8} alkyl, or heteroaryl, and phenyl are each optionally substituted with 1 to 5 substituents selected from the group consisting of ~~C_{1-5} acyl~~, C_{1-5} acyloxy, C_{1-4} alkoxy, C_{1-8} alkyl, ~~C_{1-4} alkylamino~~, ~~C_{1-4} alkylcarboxamide~~, ~~C_{1-4} alkylthiocarboxamide~~, ~~C_{1-4} alkylsulfonamide~~, ~~C_{1-4} alkylsulfinyl~~, C_{1-4} alkylsulfonyl, ~~C_{1-4} alkylthio~~, ~~C_{1-4} alkylthiourey~~, ~~C_{1-4} alkylureyl~~, amino, carbo- C_{1-6} -alkoxy, carboxamide, carboxy, ~~cyano~~, C_{3-6} -cycloalkyl, C_{3-6} -cycloalkyl- C_{1-3} -alkylene, C_{3-6} -cycloalkyl- C_{1-3} -heteroalkylenc, ~~C_{2-8} dialkylamino~~, ~~C_{2-6} dialkylcarboxamide~~, ~~C_{1-4} dialkylthiocarboxamide~~, ~~C_{2-6} dialkylsulfonamide~~, ~~C_{1-4} alkylthiourey~~, ~~C_{1-4} haloalkoxy~~, ~~C_{1-4} haloalkyl~~, ~~C_{1-4} haloalkylsulfinyl~~, ~~C_{1-4} haloalkylsulfonyl~~, ~~C_{1-4} haloalkyl~~, ~~C_{1-4} haloalkylthio~~, halogen, ~~heterocyclic~~, and hydroxyl, hydroxylamino and nitro; or

R_2 is $-Ar_2-Ar_3$ wherein Ar_2 and Ar_3 are independently aryl or heteroaryl each optionally substituted with 1 to 5 substituents selected from the group consisting of H, C_{1-5} acyl, C_{1-5} acyloxy, C_{1-4} alkoxy, C_{1-8} alkyl, C_{1-4} alkylcarboxamide, C_{1-4} alkylthiocarboxamide, C_{1-4} alkylsulfinyl, C_{1-4} alkylsulfonyl, C_{1-4} alkylthio, amino, carbo- C_{1-6} -alkoxy, carboxamide, carboxy, cyano, C_{3-6} -cycloalkyl, C_{2-6} dialkylcarboxamide, C_{1-4} haloalkoxy, C_{1-4} haloalkyl, halogen, hydroxyl and nitro; or

R_2 is a group of Formula (B):



wherein:

R_{14} is C_{1-8} alkyl or C_{3-6} cycloalkyl; and R_{15} is F, Cl, Br or CN; or

R₂ is a group of Formula (C):



(C)

wherein:

G is C=O, CR₁₆R₁₇, O, S, S(O), or S(O)₂;

wherein

R₁₆ and R₁₇ are independently H or C₁₋₈ alkyl; and

Ar₄ is phenyl or heteroaryl optionally substituted with 1 to 5 substituents selected from the group consisting of C₁₋₅ acyl, C₁₋₅ acyloxy, C₁₋₄ alkoxy, C₁₋₈ alkyl, C₁₋₄ alkylcarboxamide, C₁₋₄ alkylthiocarboxamide, C₁₋₄ alkylsulfonamide, C₁₋₄ alkylsulfinyl, C₁₋₄ alkylsulfonyl, C₁₋₄ alkylthio, C₁₋₄ alkylthioureyl, C₁₋₄ alkylureyl, amino, carbo-C₁₋₆-alkoxy, carboxamide, carboxy, cyano, C₃₋₆-cycloalkyl, C₂₋₆ dialkylcarboxamide, C₁₋₄ dialkylthiocarboxamide, C₂₋₆ dialkylsulfonamide, C₁₋₄ alkylthioureyl, C₁₋₄ haloalkoxy, C₁₋₄ haloalkyl, C₁₋₄ haloalkylsulfinyl, C₁₋₄ haloalkylsulfonyl, C₁₋₄ haloalkyl, C₁₋₄ haloalkylthio, halogen, heteroaryl, hydroxyl, hydroxylamino and nitro;

R₃ is H, C₁₋₈ alkyl, C₁₋₄ alkoxy, halogen or hydroxyl;

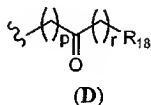
R₄ is H or C₁₋₈ alkyl;

R₅ and R₆ are independently H, C₁₋₈ alkyl or halogen;

R₉ is selected from the group consisting of C₁₋₅ acyl, C₁₋₅ acyloxy, C₂₋₆ alkenyl, C₁₋₄ alkoxy, C₁₋₈ alkyl, C₁₋₄ alkylamino, C₁₋₄ alkylcarboxamide, C₂₋₆ alkynyl, C₁₋₄ alkylsulfonamide, C₁₋₄ alkylsulfinyl, C₁₋₄ alkylsulfonyl, C₁₋₄ alkylthio, C₁₋₄ alkylureyl, amino, arylsulfonyl, carbo-C₁₋₆-alkoxy, carboxamide, carboxy, cyano, C₃₋₆ cycloalkyl, C₂₋₆ dialkylamino, C₂₋₆ dialkylcarboxamide, C₂₋₆ dialkylsulfonamide, halogen, C₁₋₄ haloalkoxy, C₁₋₄ haloalkyl, C₁₋₄ haloalkylsulfinyl, C₁₋₄ haloalkylsulfonyl, C₁₋₄ haloalkylthio, heterocyclic, heterocyclicsulfonyl, heteroaryl, hydroxyl, nitro, C₄₋₇ oxo-cycloalkyl, phenoxy, phenyl, sulfonamide and sulfonic acid, and wherein C₁₋₅ acyl, C₁₋₄ alkoxy, C₁₋₈ alkyl, C₁₋₄ alkylsulfonamide, alkylsulfonyl, arylsulfonyl, heteroaryl, phenoxy and phenyl are each optionally substituted with 1 to 5 substituents selected independently from the group consisting of C₁₋₅ acyl, C₁₋₅ acyloxy, C₂₋₆ alkenyl, C₁₋₄ alkoxy, C₁₋₈

alkyl, C₁₋₄ alkylcarboxamide, C₂₋₆ alkynyl, C₁₋₄ alkylsulfonamide, C₁₋₄ alkylsulfinyl, C₁₋₄ alkylsulfonyl, C₁₋₄ alkylthio, C₁₋₄ alkylureyl, carbo-C₁₋₆-alkoxy, carboxamide, carboxy, cyano, C₃₋₆ cycloalkyl, C₂₋₆ dialkylcarboxamide, halogen, C₁₋₄ haloalkoxy, C₁₋₄ haloalkyl, C₁₋₄ haloalkylsulfinyl, C₁₋₄ haloalkylsulfonyl, C₁₋₄ haloalkylthio, heteroaryl, heterocyclic, hydroxyl, nitro and phenyl; or

R₉ is a group of Formula (D):



wherein:

"p" and "r" are independently 0, 1, 2 or 3; and

R₁₈ is H, C₁₋₅ acyl, C₂₋₆ alkenyl, C₁₋₈ alkyl, C₁₋₄ alkylcarboxamide, C₂₋₆ alkynyl, C₁₋₄ alkylsulfonamide, carbo-C₁₋₆-alkoxy, carboxamide, carboxy, cyano, C₃₋₆ cycloalkyl, C₂₋₆ dialkylcarboxamide, halogen, heteroaryl or phenyl, and wherein the heteroaryl and phenyl are each optionally substituted with 1 to 5 substituents selected independently from the group consisting of C₁₋₄ alkoxy, amino, C₁₋₄ alkylamino, C₂₋₆ alkynyl, C₂₋₈ dialkylamino, halogen, C₁₋₄ haloalkoxy, C₁₋₄ haloalkyl and hydroxyl; and

R₁₀-R₁₃ are independently selected ~~from~~from the group consisting of C₁₋₅ acyl, C₁₋₅ alkoxy, C₂₋₆ alkenyl, C₁₋₄ alkoxy, C₁₋₈ alkyl, C₁₋₄ alkylcarboxamide, C₂₋₆ alkynyl, C₁₋₄ alkylsulfonamide, C₁₋₄ alkylsulfinyl, C₁₋₄ alkylsulfonyl, C₁₋₄ alkylthio, C₁₋₄ alkylureyl, carbo-C₁₋₆-alkoxy, carboxamide, carboxy, cyano, C₃₋₆ cycloalkyl, C₂₋₆ dialkylcarboxamide, halogen, C₁₋₄ haloalkoxy, C₁₋₄ haloalkyl, C₁₋₄ haloalkylsulfinyl, C₁₋₄ haloalkylsulfonyl, C₁₋₄ haloalkylthio, hydroxyl and nitro; or

two adjacent R₁₀-R₁₁ groups together with Ar₁ form a 5, 6 or 7 membered cycloalkyl, cycloalkenyl or heterocyclic group wherein the 5, 6 or 7 membered group is optionally substituted with halogen.

2. (original) The compound according to claim 1 wherein W is NR₄.
3. (original) The compound according to claim 2 wherein R₄ is H.

4. (withdrawn) The compound according to claim 2 wherein R_4 is CH_3 or CH_2CH_3 .
5. (withdrawn) The compound according to claim 1 wherein W is O.
- 6-11. (cancelled)
12. (previously presented) The compound according to claim 1 wherein A is ethylene and B is methylene.
13. (previously presented) The compound according to claim 1 wherein A is propylene and B is methylene.
14. (previously presented) The compound according to claim 1 wherein A and B are both ethylene wherein A and B are optionally substituted with 1 to 4 methyl groups.
15. (cancelled)
16. (previously presented) The compound according to claim 1 wherein D is CR_2R_3 .
17. (currently amended) The compound according to claim 16 wherein R_2 is selected from the group consisting of H, C_{1-5} acyl, C_{1-5} acyloxy, C_{1-4} alkoxy, C_{1-8} alkyl, C_{1-4} alkylcarboxamide, C_{1-4} alkylthiocarboxamide, C_{1-4} alkylsulfinyl, C_{1-4} alkylsulfonyl, C_{1-4} alkylthio, amino, carbo- C_{1-6} -alkoxy, carboxamide, carboxyl, C_{3-6} cycloalkyl, C_{1-4} haloalkoxy, C_{1-4} haloalkyl, halogen and hydroxyl.
18. (original) The compound according to claim 17 wherein R_2 is selected from the group consisting of $C(O)CH_3$, $C(O)CH_2CH_3$, $C(O)CH_2CH_2CH_3$, $C(O)CH(CH_3)_2$, $C(O)CH_2CH_2CH_2CH_3$, $OC(O)CH_3$, $OC(O)CH_2CH_3$, $OC(O)CH_2CH_2CH_3$, OCH_3 , OCH_2CH_3 , $OCH_2CH_2CH_3$, $OCH(CH_3)_2$, $OCH_2(CH_2)_2CH_3$, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH(CH_3)(CH_2CH_3)$, $CH_2(CH_2)_2CH_3$, $CH_2(CH_2)_3CH_3$, $C(O)NH_2$, CO_2CH_3 , $CO_2CH_2CH_3$, $CO_2CH_2CH_2CH_3$, $CO_2CH(CH_3)_2$, $CO_2CH_2(CH_2)_2CH_3$, and CO_2H .
19. (original) The compound according to claim 17 wherein R_2 is selected from the group consisting of $S(O)_2CH_3$, $S(O)_2CH_2CH_3$, $S(O)_2CH_2CH_2CH_3$, $S(O)_2CH(CH_3)_2$, $S(O)_2CH_2(CH_2)_2CH_3$, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, hydroxyl, and F.

20. (original) The compound according to claim 16 wherein R_2 is C_{1-8} alkyl, or heteroaryl each optionally substituted with 1 to 5 substituents selected from the group consisting of C_{1-5} acyloxy, C_{1-4} alkoxy, C_{1-8} alkyl, C_{1-4} alkylsulfonyl, carbo- C_{1-6} -alkoxy, carboxamide, carboxy, C_{3-6} -cycloalkyl, C_{3-6} -cycloalkyl- C_{1-3} -alkylene, C_{3-6} -cycloalkyl- C_{1-3} -heteroalkylene, and hydroxyl.
21. (original) The compound according to claim 20 wherein R_2 is selected from the group consisting of CH_2OCH_3 , $CH_2CH_2OCH_3$, $CH_2OCH_2CH_3$, $CH_2OCH_2CH_2CH_3$, $CH_2CH_2OCH_2CH_3$, $CH_2CH_2OCH_2CH_2CH_3$, $CH_2OCH(CH_3)_2$, $CH_2OCH_2CH(CH_3)_2$, CH_2CO_2H , $CH_2CH_2CO_2H$, CH_2OH , CH_2CH_2OH and $CH_2CH_2CH_2OH$.
22. (previously presented) The compound according to claim 1 wherein R_2 is selected from the group consisting of $CH_2S(O)_2CH_3$, $CH_2S(O)_2CH_2CH_3$, $CH_2S(O)_2CH_2CH_2CH_3$, $CH_2S(O)_2CH(CH_3)_2$, $CH_2S(O)_2CH_2(CH_2)_2CH_3$, $CH_2CH_2S(O)_2CH_3$, $CH_2CH_2S(O)_2CH_2CH_3$, $CH_2CH_2S(O)_2CH_2CH_2CH_3$, $CH_2CH_2S(O)_2CH(CH_3)_2$, $CH_2CH_2S(O)_2CH_2(CH_2)_2CH_3$, CH_2OCH_2 -cyclopropyl, CH_2OCH_2 -cyclobutyl, CH_2OCH_2 -cyclopentyl, and CH_2OCH_2 -cyclohexyl.
23. (original) The compound according to claim 20 wherein R_2 is selected from the group consisting of 1,2,4-oxadiazol-3-yl, 1,2,4-oxadiazol-5-yl, 1,3,4-oxadiazol-2-yl, 3-methyl-1,2,4-oxadiazol-5-yl, 3-ethyl-1,2,4-oxadiazol-5-yl, 3-isopropyl-1,2,4-oxadiazol-5-yl, 3-propyl-1,2,4-oxadiazol-5-yl, 3-*t*-butyl-1,2,4-oxadiazol-5-yl, and 3-cyclopropyl-1,2,4-oxadiazol-5-yl.
24. (original) The compound according to claim 16 wherein R_2 is $-Ar_2-Ar_3$ wherein Ar_2 and Ar_3 are independently aryl or heteroaryl each optionally substituted with 1 to 5 substituents selected from the group consisting of C_{1-5} acyl, C_{1-5} acyloxy, C_{1-4} alkoxy, C_{1-8} alkyl, C_{1-4} alkylcarboxamide, C_{1-4} alkylthiocarboxamide, C_{1-4} alkylsulfinyl, C_{1-4} alkylsulfonyl, C_{1-4} alkylthio, amino, carbo- C_{1-6} -alkoxy, carboxamide, carboxy, cyano, C_{3-6} -cycloalkyl, C_{2-6} dialkylcarboxamide, C_{1-4} haloalkoxy, C_{1-4} haloalkyl, halogen, hydroxyl and nitro.
25. (original) The compound according to claim 24 wherein Ar_2 is a heteroaryl and Ar_3 is phenyl.
26. (original) The compound according to claim 16 wherein R_2 is Formula (C):



(C)

wherein:

G is C=O, CR₁₆R₁₇, O, S, S(O), or S(O)₂;

wherein:

R₁₆ and R₁₇ are independently H or C₁₋₂ alkyl; and

Ar₄ is phenyl or heteroaryl optionally substituted with 1 to 5 substituents selected from the group consisting of C₁₋₄ alkoxy, C₁₋₈ alkyl, C₁₋₄ haloalkoxy, C₁₋₄ haloalkyl, and halogen.

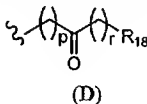
27. (original) The compound according to claim 26 wherein G is C=O, CH₂ or O.
28. (original) The compound according to claim 26 wherein G is S, S(O) or S(O)₂.
29. (previously presented) The compound according claim 26 wherein Ar₄ is selected from the group consisting of pyridinyl, pyridazinyl, pyrimidinyl and pyrazinyl.
30. (previously presented) The compound according to claim 26 wherein Ar₄ is 2-pyridyl.
31. (previously presented) The compound according to claim 26 wherein R₁₆ and R₁₇ are both H.
32. (previously presented) The compound according to claim 16 wherein R₃ is H.
33. (previously presented) The compound according claim 1 wherein D is N-R₂.
34. (original) The compound according to claim 33 wherein R₂ is H, or carbo-C₁₋₆-alkoxy.
35. (original) The compound according to claim 34 wherein R₂ is selected from the group consisting of CO₂CH₃, CO₂CH₂CH₃, CO₂CH₂CH₂CH₃, CO₂CH(CH₃)₂ and CO₂CH₂(CH₂)₂CH₃.
36. (original) The compound according to claim 33 wherein R₂ is C₁₋₈ alkyl optionally substituted with 1 to 5 substituents selected from the group consisting of C₁₋₄ alkylsulfonyl, carbo-C₁₋₆-alkoxy, and carboxy.

37. (original) The compound according to claim 36 wherein R_2 is CH_2CO_2Et , or $CH_2CH_2CO_2H$.
38. (original) The compound according to claim 36 wherein R_2 is selected from the group consisting of $CH_2CH_2S(O)_2CH_3$, $CH_2CH_2S(O)_2CH_2CH_3$, $CH_2CH_2S(O)_2CH_2CH_2CH_3$, $CH_2CH_2S(O)_2CH(CH_3)_2$ and $CH_2CH_2S(O)_2CH_2(CH_2)_2CH_3$.
39. (previously presented) The compound according to claim 1 wherein Z is selected from the group consisting of C_{1-5} acyl, C_{1-8} alkyl, C_{1-4} alkylcarboxamide, amino, cyano, C_{4-8} diacylamino, C_{2-6} dialkylsulfonamide, formyl, halogen, heterocyclic, and nitro wherein C_{1-8} alkyl and C_{1-5} acyl are each optionally substituted with 1, or 2 groups selected from the group consisting of C_{2-4} dialkylimino, hydroxy, and halogen.
40. (original) The compound according to claim 39 wherein Z is selected from the group consisting of nitro, amino, formyl, $NHC(O)CF_3$, Br, $NHC(O)CH_3$, $N(C(O)CH_3)_2$, $N(S(O)_2CH_3)_2$, CH_3 , [1,3]dioxolan-2-yl, CH_2OH , $CH_2N(CH_3)_2$, and $C(O)CH_3$.
41. (previously presented) The compound according to claim 1 wherein R_1 is selected from the group consisting of H, C_{1-8} alkyl, and amino.
42. (previously presented) The compound according to claim 1 wherein Ar_1 is phenyl optionally substituted with R_9-R_{13} .
43. (original) The compound according to claim 42 wherein R_9 is selected from the group consisting of C_{1-5} acyl, C_{1-4} alkoxy, C_{1-8} alkyl, C_{1-4} alkylcarboxamide, C_{2-6} alkynyl, C_{1-4} alkylsulfonamide, C_{2-6} dialkylsulfonamide, C_{1-4} alkylsulfinyl, C_{1-4} alkylsulfonyl, C_{1-4} alkylthio, amino, arylsulfonyl, C_{2-6} dialkylamino, C_{2-6} dialkylsulfonamide, and carboxamide.
44. (original) The compound according to claim 43 wherein R_9 is selected from the group consisting of $C(O)CH_3$, $C(O)CH_2CH_3$, $C(O)CH_2CH_2CH_3$, $C(O)CH(CH_3)_2$, $C(O)CH_2CH_2CH_2CH_3$, OCH_3 , OCH_2CH_3 , $OCH_2CH_2CH_3$, $OCH(CH_3)_2$, $OCH_2CH_2CH_2CH_3$, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH(CH_3)(CH_2CH_3)$, $CH_2(CH_2)_2CH_3$, $CH_2(CH_2)_3CH_3$, $CH_2(CH_2)_4CH_3$, $CH_2(CH_2)_5CH_3$, $C(O)NHCH_3$, $C(O)NHCH_2CH_3$, $C(O)NHCH_2CH_2CH_3$, $C(O)NHCH(CH_3)_2$, $C=CH$, $S(O)_2NHCH_3$, $S(O)_2NHCH_2CH_3$, $S(O)_2NHCH_2CH_2CH_3$, $S(O)_2NHCH(CH_3)_2$, $S(O)_2NHCH_2(CH_2)_2CH_3$, $S(O)_2NHCH(CH_3)CH_2CH_3$, $S(O)_2N(CH_3)_2$, $S(O)_2N(Et)(CH_3)$, $S(O)_2CH_3$, $S(O)_2CH_2CH_3$,

$S(O)_2CH_2CH_2CH_3$, $S(O)_2CH(CH_3)_2$, $S(O)_2CH_2(CH_2)_2CH_3$, $S(O)_2CH(CH_3)CH_2CH_3$, SCH_3 , SCH_2CH_3 , $SCH_2CH_2CH_3$, $SCH(CH_3)_2$, $SCH_2(CH_2)_2CH_3$, amino, $S(O)_2Ph$, $N(CH_3)_2$, $N(CH_3)(Et)$, $N(Et)_2$ and $C(O)NH_2$.

45. (original) The compound according to claim 42 wherein R_9 is selected from the group consisting of cyano, C_{3-6} cycloalkyl, halogen, C_{1-4} haloalkoxy, C_{1-4} haloalkyl, C_{1-4} haloalkylsulfonyl, and C_{1-4} haloalkylthio.
46. (original) The compound according to claim 45 wherein R_9 is selected from the group consisting of cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, Cl, F, Br, OCF_3 , $OCHF_2$, OCH_2CF_3 , CF_3 , CHF_2 , CH_2CF_3 , SCF_3 , $SCHF_2$ and SCH_2CF_3 .
47. (original) The compound according to claim 42 wherein R_9 is selected from the group consisting of heterocyclic, heterocyclicsulfonyl, heteroaryl, hydroxy, C_{4-7} oxo-cycloalkyl, phenoxy and phenyl.
48. (original) The compound according to claim 47 wherein R_9 is selected from the group consisting of morpholin-4-yl, thiomorpholin-4-yl, 1-oxo-1 λ^4 -thiomorpholin-4-yl, 1,1-Dioxo-1 λ^6 -thiomorpholin-4-yl, piperazin-1-yl, 4-methyl-piperazin-1-yl, 4-ethyl-piperazin-1-yl, 4-propyl-piperazin-1-yl, piperidin-1-yl, pyrrolidin-1-yl, 2,5-dioxo-imidazolidin-4-yl, 2,4-dioxo-thiazolidin-5-yl, 4-oxo-2-thioxo-thiazolidin-5-yl, 3-methyl-2,5-dioxo-imidazolidin-4-yl, 3-methyl-2,4-dioxo-thiazolidin-5-yl, 3-methyl-4-oxo-2-thioxo-thiazolidin-5-yl, 3-ethyl-2,5-dioxo-imidazolidin-4-yl, 3-ethyl-2,4-dioxo-thiazolidin-5-yl, and 3-ethyl-4-oxo-2-thioxo-thiazolidin-5-yl.
49. (original) The compound according to claim 47 wherein R_9 is selected from the group consisting of 1H-imidazol-4-yl, [1,2,4]triazol-1-yl, [1,2,3]triazol-1-yl, [1,2,4]triazol-4-yl, pyrrol-1-yl, pyrazol-1-yl, 1H-pyrazol-3-yl, imidazol-1-yl, oxazol-5-yl, oxazol-2-yl, [1,3,4]oxadiazol-2-yl, [1,3,4]thiadiazol-2-yl, [1,2,4]oxadiazol-3-yl, [1,2,4]thiadiazol-3-yl, tetrazol-1-yl, pyrimidin-5-yl, pyrimidin-2-yl, pyrimidin-4-yl, pyridazin-3-yl, pyridazin-4-yl, pyrazin-2-yl, 1,3-dioxo-1,3-dihydro-isindol-2-yl and [1,2,3]thiadiazol-4-yl.

50. (original) The compound according to claim 42 wherein R_9 is C_{1-8} alkyl or C_{1-4} alkoxy optionally substituted with 1 to 5 substituents selected independently from the group consisting of C_{1-5} acyl, C_{1-4} alkoxy, C_{1-4} alkylcarboxamide, C_{1-4} alkylsulfonyl, carbo- C_{1-6} -alkoxy, carboxamide, carboxy, cyano, and hydroxyl.
51. (original) The compound according to claim 50 wherein R_9 is selected from the group consisting of CH_2OCH_3 , $CH_2OCH_2CH_3$, $CH_2OCH_2CH_2CH_3$, $CH_2OCH(CH_3)_2$, $CH_2OCH_2(CH_2)_2CH_3$, $CH_2CH_2OCH_3$, $CH_2CH_2OCH_2CH_3$, $CH_2CH_2OCH_2CH_2CH_3$, $CH_2CH_2OCH(CH_3)_2$ and $CH_2CH_2OCH_2(CH_2)_2CH_3$.
52. (original) The compound according to claim 42 wherein R_9 is of Formula (D):



wherein:

"p" and "r" are independently 0, or 1; and

R_{18} is H, carbo- C_{1-6} -alkoxy, heteroaryl or phenyl, and wherein the heteroaryl and phenyl are each optionally substituted with 1 to 5 substituents selected independently from the group consisting of C_{1-4} alkoxy, amino, C_{1-4} alkylamino, C_{2-6} alkynyl, C_{2-8} dialkylamino, halogen, C_{1-4} haloalkoxy, C_{1-4} haloalkyl and hydroxyl.

53. (original) The compound according to claim 52 wherein $p = 0$ and $r = 0$.
54. (original) The compound according to claim 53 wherein R_{18} is phenyl optionally substituted with 1 to 5 substituents selected independently from the group consisting of C_{1-4} alkoxy, amino, C_{1-4} alkylamino, C_{2-6} alkynyl, C_{2-8} dialkylamino, halogen, C_{1-4} haloalkoxy, C_{1-4} haloalkyl and hydroxyl.
55. (original) The compound according to claim 52 wherein $p = 0$ and $r = 1$.
56. (original) The compound according to claim 55 wherein R_{18} is carbo- C_{1-6} -alkoxy or carboxy.

57. (previously presented) The compound according to claim 43 wherein R_9 is substituted at the para position on the phenyl.
58. (previously presented) The compound according to claim 42 wherein R_{10} - R_{13} are independently selected from the group consisting of C_{1-5} acyl, C_{1-4} alkoxy, C_{1-8} alkyl, C_{1-4} alkylcarboxamide, C_{1-4} alkylureyl, carbo- C_{1-6} -alkoxy, carboxamide, carboxy, cyano, C_{3-6} cycloalkyl, halogen, C_{1-4} haloalkoxy and C_{1-4} haloalkyl.
59. (previously presented) The compound according to claim 42 wherein one or two R_{10} - R_{13} groups are independently halogen.
60. (previously presented) The compound according to claim 42 wherein two adjacent R_{10} - R_{11} groups together with the phenyl form a 5, 6 or 7 membered cycloalkyl, cycloalkenyl or heterocyclic group wherein the 5, 6 or 7 membered group is optionally substituted with halogen.
61. (original) The compound according to claim 60 wherein the heterocyclic group together with the phenyl group is a 2,3-dihydro-benzofuran-5-yl, benzo[1,3]dioxol-5-yl group, 2,3-dihydro-benzo[1,4]dioxin-6-yl, 2,3-dihydro-benzo[1,4]dioxin-2-yl group, 3,4-dihydro-2H-benzo[b][1,4]dioxepin-7-yl group.
62. (withdrawn) The compound according to claim 1 wherein Ar_1 is heteroaryl optionally substituted with R_9 - R_{13} .
63. (withdrawn) The compound according to claim 62 wherein R_9 is selected from the group consisting of C_{1-4} alkoxy, C_{1-8} alkyl, C_{1-4} alkylcarboxamide, C_{1-4} alkylsulfonyl, C_{1-4} haloalkyl, hydroxy, halogen, and phenyl.
64. (withdrawn) The compound according to claim 63 wherein R_9 is selected from the group consisting of OCH_3 , OCH_2CH_3 , $OCH_2CH_2CH_3$, $OCH(CH_3)_2$, $OCH_2CH_2CH_2CH_3$, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH(CH_3)(CH_2CH_3)$, $CH_2(CH_2)_2CH_3$, $CH_2(CH_2)_3CH_3$, $CH_2(CH_2)_4CH_3$, $CH_2(CH_2)_5CH_3$, $C(O)NHCH_3$, $C(O)NHCH_2CH_3$, $C(O)NHCH_2CH_2CH_3$, $C(O)NHCH(CH_3)_2$, $C(O)NHCH_2(CH_2)_2CH_3$, $S(O)_2CH_3$, $S(O)_2CH_2CH_3$, $S(O)_2CH_2CH_2CH_3$, $S(O)_2CH(CH_3)_2$, Cl, F, Br, CF_3 , CHF_2 , CH_2CF_3 , and hydroxy.

65. (withdrawn) The compound according claim 62 wherein R_{10} - R_{13} are independently C_{1-5} acyl, C_{1-4} alkoxy, C_{1-8} alkyl, C_{1-4} alkylcarboxamide, C_{1-4} alkylureyl, carbo- C_{1-6} -alkoxy, carboxamide, carboxy, cyano, C_{3-6} cycloalkyl, halogen, C_{1-4} haloalkoxy and C_{1-4} haloalkyl.
66. (withdrawn) The compound according to claim 62 wherein one or two R_{10} - R_{13} groups are independently halogen.
- 67-72. (cancelled).
73. (currently amended) The compound according to claim 1, wherein said compound is selected from the following compounds and pharmaceutically acceptable salts, hydrates, and solvates thereof group consisting of:
- 1-[6-(4-Imidazol-1-yl-phenoxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;
 - 1-[6-(2-Methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;
 - 1-[6-(4-Methanesulfonyl-phenoxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;
 - 1-[6-(Benzo[1,2,5]oxadiazol-5-yloxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;
 - 1-[6-[4-(2-Methoxycarbonyl-acetyl)-phenoxy]-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;
 - 1-[5-Amino-6-(2-methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;
 - 1-[6-(2-Methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-(2,2,2-trifluoro-acetyl-amino)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;
 - Propionic acid 1-[2-amino-5-formyl-6-(2-methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-pyrimidin-4-yl]-piperidin-4-yl ester;
 - 4-[6-(2-Methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-pyrimidin-4-yl]-piperazine-1-carboxylic acid ethyl ester;
 - 1-[6-(2-Methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid methyl ester;

2,6-Dimethyl-4-[6-(2-methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-pyrimidin-4-yl]-morpholine;

1-[6-(2-Methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-pyrimidin-4-yl]-piperidine-3-carboxylic acid ethyl ester;

1-[6-(2-Methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethylamide;

1-[6-(2-Methyl-5-phenyl-2H-pyrazol-3-yloxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

4-(2-Methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-6-piperidin-1-yl-pyrimidine;

1-[5-Nitro-6-(2-trifluoromethyl-benzyloxy)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[5-Nitro-6-(3-trifluoromethyl-benzyloxy)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[5-Nitro-6-(4-trifluoromethyl-benzyloxy)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[5-Bromo-6-(2-methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[5-Acetylamino-6-(2-methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[5-Diacetylamino-6-(2-methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(2-Methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid;

1-[5-Nitro-6-[2-(2-trifluoromethyl-phenyl)-ethoxy]-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[5-Nitro-6-[2-(3-trifluoromethyl-phenyl)-ethoxy]-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[5-Di-(methanesulfonyl)amino-6-(2-methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[5-Nitro-6-(3-trifluoromethyl-phenoxy)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[5-Methyl-6-(2-methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[5-Nitro-6-(2-trifluoromethyl-phenoxy)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[5-Nitro-6-(4-trifluoromethyl-phenoxy)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(4-Fluoro-phenoxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(2,5-Dimethyl-2H-pyrazol-3-yloxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(4-Bromo-phenoxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(4-Chloro-phenoxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(4-Carbamoyl-phenoxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-{6-[4-(2-Methoxy-ethyl)-phenoxy]-5-nitro-pyrimidin-4-yl}-piperidine-4-carboxylic acid ethyl ester;

1-[6-(4-Cyclopentyl-phenoxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[5-Nitro-6-(4-pyrrol-1-yl-phenoxy)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(4-Benzoyl-phenoxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-{6-[4-(4-Hydroxy-benzenesulfonyl)-phenoxy]-5-nitro-pyrimidin-4-yl}-piperidine-4-carboxylic acid ethyl ester;

1-[6-(4'-Cyano-biphenyl-4-yloxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(2-Amino-4-ethanesulfonyl-phenoxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-{6-[4-(5-Hydroxy-pyrimidin-2-yl)-phenoxy]-5-nitro-pyrimidin-4-yl}-piperidine-4-carboxylic acid ethyl ester;

1-[5-Nitro-6-(4-sulfo-phenoxy)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;
1-[5-Nitro-6-(4-[1,2,4]triazol-1-yl-phenoxy)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;
1-[6-(4-Carbamoylmethyl-phenoxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;
1-{6-[4-(1,3-Dioxo-1,3-dihydro-isoindol-2-yl)-phenoxy]-5-nitro-pyrimidin-4-yl}-piperidine-4-carboxylic acid ethyl ester;
1-[6-(4'-Methoxy-biphenyl-4-yloxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;
1-{6-[4-(2,5-Dioxo-imidazolidin-4-yl)-phenoxy]-5-nitro-pyrimidin-4-yl}-piperidine-4-carboxylic acid ethyl ester;
4-(4,4-Difluoro-piperidin-1-yl)-6-(2-methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-pyrimidine;
1-{5-Nitro-6-[4-(4-oxo-cyclohexyl)-phenoxy]-pyrimidin-4-yl}-piperidine-4-carboxylic acid ethyl ester;
1-{5-Nitro-6-[4-(3-oxo-butyl)-phenoxy]-pyrimidin-4-yl}-piperidine-4-carboxylic acid ethyl ester;
1-[5-Nitro-6-(4-propionyl-phenoxy)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;
1-[5-Nitro-6-(4-[1,2,3]thiadiazol-4-yl-phenoxy)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;
1-{6-[4-(2-Hydroxy-ethyl)-phenoxy]-5-nitro-pyrimidin-4-yl}-piperidine-4-carboxylic acid ethyl ester;
{4-[6-(4,4-Difluoro-piperidin-1-yl)-5-nitro-pyrimidin-4-yloxy]-phenyl}-phenyl-methanone;
3-{4-[6-(4,4-Difluoro-piperidin-1-yl)-5-nitro-pyrimidin-4-yloxy]-phenyl}-3-oxo-propionic acid methyl ester;
2-[6-(4,4-Difluoro-piperidin-1-yl)-5-nitro-pyrimidin-4-yloxy]-5-ethanesulfonyl-phenylamine;
4-(4-Cyclopentyl-phenoxy)-6-(4,4-difluoro-piperidin-1-yl)-5-nitro-pyrimidine;

1-[6-(2,6-Dichloro-4-methanesulfonyl-phenoxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-{6-[4-(4-Chloro-benzoyl)-phenoxy]-5-nitro-pyrimidin-4-yl}-piperidine-4-carboxylic acid ethyl ester;

1-{6-[4-(4-Hydroxy-benzoyl)-phenoxy]-5-nitro-pyrimidin-4-yl}-piperidine-4-carboxylic acid ethyl ester;

1-[6-(4-Cyanomethyl-phenoxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

(4-{6-[4-(2-Methanesulfonyl-ethyl)-piperazin-1-yl]-5-nitro-pyrimidin-4-yloxy}-phenyl)-phenyl-methanone;

4-(4-{6-[4-(2-Methanesulfonyl-ethyl)-piperazin-1-yl]-5-nitro-pyrimidin-4-yloxy}-phenyl)-butan-2-one;

3-(4-{6-[4-(2-Methanesulfonyl-ethyl)-piperazin-1-yl]-5-nitro-pyrimidin-4-yloxy}-phenyl)-3-oxo-propionic acid methyl ester;

4-(4-Methyl-piperidin-1-yl)-6-(2-methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-pyrimidine;

4-(4-Bromo-piperidin-1-yl)-6-(2-methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-pyrimidine;

4-(2-Methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-6-(4-propyl-piperidin-1-yl)-pyrimidine;

1-[6-(2-Methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid amide;

1-[5-Nitro-6-(2-oxo-2H-chromen-6-yloxy)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[5-Nitro-6-(2-oxo-benzo[1,3]oxathiol-6-yloxy)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(9H-Carbazol-2-yloxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[5-Nitro-6-(9-oxo-9H-fluoren-2-yloxy)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-{5-Amino-6-[4-(3-oxo-butyl)-phenoxy]-pyrimidin-4-yl}-piperidine-4-carboxylic acid ethyl ester;

1-[6-[4-(3-Oxo-butyl)-phenoxy]-5-(2,2,2-trifluoro-acetyl-amino)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-{5-Amino-6-[4-(hydroxy-phenyl-methyl)-phenoxy]-pyrimidin-4-yl}-piperidine-4-carboxylic acid ethyl ester;

1-[6-(2-Benzoyl-5-methoxy-phenoxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(6-Chloro-pyridin-3-yloxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(Benzo[1,3]dioxol-5-yloxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(4-Benzyloxy-phenoxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(3-Morpholin-4-yl-phenoxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[5-Nitro-6-(4-trifluoromethylsulfanyl-phenoxy)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[5-Nitro-6-(4-trifluoromethoxy-phenoxy)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(4-Benzoyl-phenoxy)-5-(2,2,2-trifluoro-acetyl-amino)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

{4-[5-Nitro-6-(4-propyl-piperidin-1-yl)-pyrimidin-4-yloxy]-phenyl}-phenyl-methanone;

{4-Methoxy-2-[5-nitro-6-(4-propyl-piperidin-1-yl)-pyrimidin-4-yloxy]-phenyl}-phenyl-methanone;

4-{4-[5-Nitro-6-(4-propyl-piperidin-1-yl)-pyrimidin-4-yloxy]-phenyl}-butan-2-one;

5-Nitro-4-(4-propyl-piperidin-1-yl)-6-(4-[1,2,3]thiadiazol-4-yl-phenoxy)-pyrimidine;

3-{4-[5-Nitro-6-(4-propyl-piperidin-1-yl)-pyrimidin-4-yloxy]-phenyl}-3-oxo-propionic acid methyl ester;

5-Ethanesulfonyl-2-[5-nitro-6-(4-propyl-piperidin-1-yl)-pyrimidin-4-yloxy]-phenylamine;

~~1-[6-(4-Difluoromethoxy-benzyloxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid-ethyl-ester;~~

~~1-[6-(3-Difluoromethoxy-benzyloxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid-ethyl-ester;~~

~~2-{1-[6-(2-Methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-pyrimidin-4-yl]-piperidin-4-yl}-ethanol;~~

~~3-{1-[6-(2-Methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-pyrimidin-4-yl]-piperidin-4-yl}-propionic acid;~~

~~4-[4-(4-Methyl-benzyl)-piperidin-1-yl]-6-(2-methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-pyrimidine;~~

~~4-(3-Methanesulfonyl-pyrrolidin-1-yl)-6-(2-methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-pyrimidine;~~

~~4-(2-Methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-6-[4-(2-trifluoromethyl-phenoxy)-piperidin-1-yl]-pyrimidine;~~

~~4-(2-Methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-6-[4-(pyridin-2-ylsulfanyl)-piperidin-1-yl]-pyrimidine;~~

~~4'-(4-Benzoyl-phenoxy)-3'-nitro-3,4,5,6-tetrahydro-2H-[1,2]bipyridinyl-4-carboxylic acid-ethyl-ester;~~

~~3'-Nitro-4'-[4-(3-oxo-butyl)-phenoxy]-3,4,5,6-tetrahydro-2H-[1,2]bipyridinyl-4-carboxylic acid-ethyl-ester;~~

~~4'-[4-(2-Methoxycarbonyl-acetyl)-phenoxy]-3'-nitro-3,4,5,6-tetrahydro-2H-[1,2]bipyridinyl-4-carboxylic acid-ethyl-ester;~~

~~4'-(2-Amino-4-ethanesulfonyl-phenoxy)-3'-nitro-3,4,5,6-tetrahydro-2H-[1,2]bipyridinyl-4-carboxylic acid-ethyl-ester;~~

~~4'-(4-Imidazol-1-yl-phenoxy)-3'-nitro-3,4,5,6-tetrahydro-2H-[1,2]bipyridinyl-4-carboxylic acid-ethyl-ester;~~

~~4-(2-Methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-6-(4-trifluoromethyl-piperidin-1-yl)-pyrimidine;~~

~~4-(2-Methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-6-(4-phenylsulfanyl-piperidin-1-yl)-pyrimidine;~~

1-[6-(3-Ethynyl-phenoxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(4-Chloro-2-fluoro-phenoxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(2,4-Difluoro-phenoxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(4-Bromo-2-fluoro-phenoxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

4-(3-Ethynyl-phenoxy)-5-nitro-6-(4-propyl-piperidin-1-yl)-pyrimidine;

4-(4-Chloro-2-fluoro-phenoxy)-5-nitro-6-(4-propyl-piperidin-1-yl)-pyrimidine;

4-(2,4-Difluoro-phenoxy)-5-nitro-6-(4-propyl-piperidin-1-yl)-pyrimidine;

4-(4-Bromo-2-fluoro-phenoxy)-5-nitro-6-(4-propyl-piperidin-1-yl)-pyrimidine;

~~3'-Nitro-2' [4 (3-oxo-butyl)-phenoxy]-3,4,5,6-tetrahydro-2H [1,4']bipyridinyl-4-carboxylic acid ethyl ester;~~

~~4-[4 (3'-Nitro-4-propyl-3,4,5,6-tetrahydro-2H [1,4']bipyridinyl-2'-yloxy)-phenyl]-butan-2-one;~~

~~2'-(4-Benzoyl-phenoxy)-3'-nitro-3,4,5,6-tetrahydro-2H [1,4']bipyridinyl-4-carboxylic acid ethyl ester;~~

4-(4-{5-Nitro-6-[4-(pyridin-2-ylsulfanyl)-piperidin-1-yl]-pyrimidin-4-yloxy}-phenyl)-butan-2-one;

~~4 (3'-Nitro-4-propyl-3,4,5,6-tetrahydro-2H [1,4']bipyridinyl-2'-yloxy)-phenyl)-phenyl-methanone;~~

4-(4-{5-Nitro-6-[4-(2-trifluoromethyl-phenoxy)-piperidin-1-yl]-pyrimidin-4-yloxy}-phenyl)-butan-2-one;

4-(4-{6-[4-(3-Methyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-5-nitro-pyrimidin-4-yloxy}-phenyl)-butan-2-one;

4-(4-{6-[4-(3-Methyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-5-nitro-pyrimidin-4-yloxy}-phenyl)-phenyl-methanone;

1-{6-[4-(4-Fluoro-benzoyl)-phenoxy]-5-nitro-pyrimidin-4-yl}-piperidine-4-carboxylic acid ethyl ester;

(4-Fluoro-phenyl)-{4-[5-nitro-6-(4-propyl-piperidin-1-yl)-pyrimidin-4-yloxy]-phenyl}-methanone;

4-[4-(3-Methyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-6-(2-methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-pyrimidine;

4-(4-Methoxymethyl-piperidin-1-yl)-6-(2-methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-pyrimidine;

4-{4-[6-(4-Methoxymethyl-piperidin-1-yl)-5-nitro-pyrimidin-4-yloxy]-phenyl}-butan-2-one;

4-[4-(2-Methoxy-ethyl)-piperidin-1-yl]-6-(2-methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-pyrimidine;

4-{4-[6-(4-Ethoxymethyl-piperidin-1-yl)-5-nitro-pyrimidin-4-yloxy]-phenyl}-butan-2-one;

4-(2,4-Difluoro-phenoxy)-5-nitro-6-[4-(pyridin-2-ylsulfanyl)-piperidin-1-yl]-pyrimidine;
(4-Methoxy-2-{5-nitro-6-[4-(pyridin-2-ylsulfanyl)-piperidin-1-yl]-pyrimidin-4-yloxy}-phenyl)-phenyl-methanone;

4-(2,4-Difluoro-phenoxy)-6-(4-ethoxymethyl-piperidin-1-yl)-5-nitro-pyrimidine;

4-{4-[6-(4-Cyclopropylmethoxymethyl-piperidin-1-yl)-5-nitro-pyrimidin-4-yloxy]-phenyl}-butan-2-one;

4-{4-[5-Nitro-6-(4-propoxymethyl-piperidin-1-yl)-pyrimidin-4-yloxy]-phenyl}-butan-2-one;

1-{4-[6-(4-Methoxymethyl-piperidin-1-yl)-5-nitro-pyrimidin-4-yloxy]-phenyl}-ethanone;

4-{4-[2-Nitro-3-(4-propyl-piperidin-1-yl)-phenoxy]-phenyl}-butan-2-one;

1-{4-[2-Nitro-3-(4-propyl-piperidin-1-yl)-phenoxy]-phenyl}-ethanone;

{4-[2-Nitro-3-(4-propyl-piperidin-1-yl)-phenoxy]-phenyl}-phenyl-methanone;

3-{4-[2-Nitro-3-(4-propyl-piperidin-1-yl)-phenoxy]-phenyl}-3-oxo-propionic acid methyl ester;

4-{4-[6-(4-Butoxymethyl-piperidin-1-yl)-5-nitro-pyrimidin-4-yloxy]-phenyl}-butan-2-one;

4-{4-[6-(4-Isobutoxymethyl-piperidin-1-yl)-5-nitro-pyrimidin-4-yloxy]-phenyl}-butan-2-one;

(4-Fluoro-phenyl)-[4-(3'-nitro-4-propyl-3,4,5,6-tetrahydro-2H-[1,2']bipyridinyl-4'-yloxy)-phenyl]-methanone;

4-[4-(3'-Nitro-4-propyl-3,4,5,6-tetrahydro-2H-[1,2']bipyridinyl-4'-yloxy)-phenyl]-butan-2-one;

3'-Nitro-4-propyl-4'-(4-[1,2,4]triazol-1-yl-phenoxy)-3,4,5,6-tetrahydro-2H-[1,2']bipyridinyl;

1-(2-Nitro-3-[4-(3-oxo-butyl)-phenoxy]-phenyl)-piperidine-4-carboxylic acid ethyl ester;

1-[3-(4-Benzoyl-phenoxy)-2-nitro-phenyl]-piperidine-4-carboxylic acid ethyl ester;

{4-[6-(4-Ethoxy-piperidin-1-yl)-5-nitro-pyrimidin-4-yloxy]-phenyl}-(4-fluoro-phenyl)-methanone;

1-[6-(2-Methyl-5-trifluoromethyl-2H-pyrazol-3-yloxy)-5-nitro-pyrimidin-4-yl]-piperidin-4-ol;

1-[6-(4-Acetyl-phenoxy)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

(1-{6-[4-(4-Fluoro-benzoyl)-phenoxy]-5-nitro-pyrimidin-4-yl}-piperidin-4-yl)-(4-fluoro-phenyl)-methanone;

4-(4-{6-[4-(4-Fluoro-benzoyl)-piperidin-1-yl]-5-nitro-pyrimidin-4-yloxy}-phenyl)-butan-2-one;

4-(4-Methanesulfonyl-phenoxy)-5-nitro-6-[4-(pyridin-2-ylsulfanyl)-piperidin-1-yl]-pyrimidine;

4-(4-Methanesulfonyl-phenoxy)-5-nitro-6-[4-(pyridin-4-ylsulfanyl)-piperidin-1-yl]-pyrimidine;

4-[4-(3-Isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-6-(4-methanesulfonyl-phenoxy)-pyrimidine-5-carbonitrile;

1-[5-Nitro-6-(4-trifluoromethylsulfanyl-phenoxy)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

5-[1,3]Dioxolan-2-yl-4-[4-(3-isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-6-(4-methanesulfonyl-phenoxy)-pyrimidine;

4-[4-(3-Isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-6-(4-methanesulfonyl-phenoxy)-pyrimidine-5-carbaldehyde;

5-[1,3]Dioxolan-2-yl-4-[4-(3-isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-6-(4-[1,2,3]thiadiazol-4-yl-phenoxy)-pyrimidine;

4-[4-(3-Isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-6-(4-[1,2,3]thiadiazol-4-yl-phenoxy)-pyrimidine-5-carbaldehyde;

4-[4-(3-Isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-6-(4-[1,2,3]thiadiazol-4-yl-phenoxy)-pyrimidine-5-carboxylic acid;

[4-[4-(3-Isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-6-(4-[1,2,3]thiadiazol-4-yl-phenoxy)-pyrimidin-5-yl]-methanol;

[4-[4-(3-Isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-6-(4-[1,2,3]thiadiazol-4-yl-phenoxy)-pyrimidin-5-ylmethyl]-dimethyl-amine;

4-(4-Methanesulfonyl-phenoxy)-5-nitro-6-(4-phenylsulfonyl-piperidin-1-yl)-pyrimidine;

4-[4-(3-tert-Butyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-6-(6-methanesulfonyl-pyridin-3-yloxy)-5-nitro-pyrimidine;

4-[4-(3-Isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-6-(4-methanesulfonyl-phenoxy)-2-methyl-pyrimidine-5-carbonitrile;

and

1-[4-[4-(3-Isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-6-(4-methanesulfonyl-phenoxy)-pyrimidin-5-yl]-ethanone;

or a pharmaceutically acceptable salt, hydrate or solvate thereof.

74. (currently amended) The compound according to claim 1, wherein said compound is selected from the following compounds and pharmaceutically acceptable salts, hydrates, and solvates thereof consisting of:

1-[6-[(Benzo[1,3]dioxol-5-ylmethyl)-amino]-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[5-Nitro-6-(3,4,5-trimethoxy-benzylamino)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

(5-Nitro-6-piperidin-1-yl-pyrimidin-4-yl)-(3-trifluoromethyl-benzyl)-amine;

1-[5-Nitro-6-(2-trifluoromethyl-benzylamino)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[5-Nitro-6-(4-trifluoromethyl-benzylamino)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[5-Nitro-6-(3-trifluoromethyl-benzylamino)-pyrimidin-4-yl]-piperidine-4-carboxylic acid-ethyl-ester;
(5-Nitro-6-piperidin-1-yl-pyrimidin-4-yl)-(2-trifluoromethyl-benzyl)-amine;
(5-Nitro-6-piperidin-1-yl-pyrimidin-4-yl)-(4-trifluoromethyl-benzyl)-amine;
1-[5-Amino-6-(3-trifluoromethyl-benzylamino)-pyrimidin-4-yl]-piperidine-4-carboxylic acid-ethyl-ester;
1-[5-Amino-6-(4-trifluoromethyl-benzylamino)-pyrimidin-4-yl]-piperidine-4-carboxylic acid-ethyl-ester;
1-[6-(4-Bromo-phenylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;
1-[5-Nitro-6-(4-trifluoromethyl-phenylamino)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;
1-[6-(Methyl-phenyl-amino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;
1-[5-Nitro-6-(4-trifluoromethoxy-phenylamino)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;
1-[6-(4-Fluoro-phenylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;
1-[6-(3,5-Difluoro-phenylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;
1-[6-(3,5-Dichloro-phenylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;
1-[6-(Benzo[1,3]dioxol-5-ylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;
1-[6-(2-Bromo-4-trifluoromethoxy-phenylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;
1-[6-(2-Fluoro-phenylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;
1-[6-(3-Fluoro-phenylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-{6-[(2-Fluoro-phenyl)-methyl-amino]-5-nitro-pyrimidin-4-yl}-piperidine-4-carboxylic acid ethyl ester;

1-[6-(Ethyl-phenyl-amino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-{6-[(4-Chloro-phenyl)-methyl-amino]-5-nitro-pyrimidin-4-yl}-piperidine-4-carboxylic acid ethyl ester;

1-[6-(4-Difluoromethyl-benzylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-[(2,3-Dihydro-benzo[1,4]dioxin-6-ylmethyl)-amino]-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-[(2,3-Dihydro-benzo[1,4]dioxin-2-ylmethyl)-amino]-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-[(2,3-Dihydro-benzofuran-5-ylmethyl)-amino]-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-[(6-Fluoro-4H-benzo[1,3]dioxin-8-ylmethyl)-amino]-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(3,4-Dihydro-2H-benzo[b][1,4]dioxepin-7-ylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-[4-(Morpholine-4-sulfonyl)-phenylamino]-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(2,2-Difluoro-benzo[1,3]dioxol-4-ylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(2,2-Difluoro-benzo[1,3]dioxol-5-ylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(1,1-Dioxo-1H-1λ⁶-benzo[b]thiophen-6-ylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-[(Furan-3-ylmethyl)-amino]-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-[2-(4-Methoxy-phenoxy)-ethylamino]-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-{6-[2-(5-Methoxy-1H-indol-3-yl)-ethylamino]-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

(3,4-Dihydro-2H-benzo[b][1,4]dioxepin-7-yl)-[5-nitro-6-(4-propyl-piperidin-1-yl)-pyrimidin-4-yl]-amine;

(3-Fluoro-phenyl)-[5-nitro-6-(4-propyl-piperidin-1-yl)-pyrimidin-4-yl]-amine;

(3-Methoxy-phenyl)-[5-nitro-6-(4-propyl-piperidin-1-yl)-pyrimidin-4-yl]-amine;

1-{6-[(3-Fluoro-phenyl)-methyl-amino]-5-nitro-pyrimidin-4-yl}-piperidine-4-carboxylic acid ethyl ester;

1-[6-(4-Benzoyl-phenylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-{6-[4-(1,1-Dioxo-1 λ ⁶-thiomorpholin-4-yl)methyl]-phenylamino]-5-nitro-pyrimidin-4-yl}-piperidine-4-carboxylic acid ethyl ester;

1-[6-(4-Methanesulfonyl-phenylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(4-Dimethylsulfamoyl-phenylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(3-Methoxy-phenylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(2-Methoxy-phenylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(3,5-Bis-trifluoromethyl-phenylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(2,5-Dimethoxy-phenylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(3,5-Dimethoxy-benzylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

[5-Nitro-6-(4-propyl-piperidin-1-yl)-pyrimidin-4-yl]-(3,4,5-trimethoxy-benzyl)-amine;

(3,5-Dimethoxy-benzyl)-[5-nitro-6-(4-propyl-piperidin-1-yl)-pyrimidin-4-yl]-amine;

(4-{5-Nitro-6-[4-(pyridin-2-ylsulfanyl)-piperidin-1-yl]-pyrimidin-4-ylamino}-phenyl)-phenyl-methanone;

(4-{5-Nitro-6-[4-(2-trifluoromethyl-phenoxy)-piperidin-1-yl]-pyrimidin-4-ylamino}-phenyl)-phenyl-methanone;

1-[6-(4-Cyano-phenylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(3,5-Dimethoxy-phenylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(4-sec-Butyl-phenylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[6-(4-Heptyl-phenylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

2'-(4-Benzoyl-phenylamino)-3'-nitro-3,4,5,6-tetrahydro-2H-[1,4']bipyridinyl-4-carboxylic acid ethyl ester;

1-[5-Nitro-6-(3,4,5-trimethoxy-phenylamino)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[5-Nitro-6-(4-pentyl-phenylamino)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-{6-[4-(3-Carboxy-propyl)-phenylamino]-5-nitro-pyrimidin-4-yl}-piperidine-4-carboxylic acid ethyl ester;

1-{6-[4-(Cyano-phenyl-methyl)-phenylamino]-5-nitro-pyrimidin-4-yl}-piperidine-4-carboxylic acid ethyl ester;

1-[6-(4-Cyclohexyl-phenylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[5-Nitro-6-(4-[1,2,4]triazol-1-yl-phenylamino)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[5-Nitro-6-(4-trifluoromethanesulfonyl-phenylamino)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[5-Nitro-6-(4-[1,2,3]thiadiazol-4-yl-phenylamino)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

[6-(4-Ethoxymethyl-piperidin-1-yl)-5-nitro-pyrimidin-4-yl]-(4-methanesulfonyl-phenyl)-amine;

[5-Nitro-6-(4-propyl-piperidin-1-yl)-pyrimidin-4-yl]-(4-[1,2,4]triazol-1-yl-phenyl)-
amine;

{5-Nitro-6-[4-(pyridin-2-ylsulfanyl)-piperidin-1-yl]-pyrimidin-4-yl}-(4-[1,2,4]triazol-1-
yl-phenyl)-amine;

(2-Fluoro-phenyl)-{6-[4-(3-methyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-5-nitro-
pyrimidin-4-yl}-amine;

(4-Methanesulfonyl-phenyl)-{6-[4-(3-methyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-5-
nitro-pyrimidin-4-yl}-amine;

{6-[4-(3-Methyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-5-nitro-pyrimidin-4-yl}-(4-
[1,2,4]triazol-1-yl-phenyl)-amine;

1-{5-Nitro-6-[4-(4-trifluoromethyl-phenoxy)-phenylamino]-pyrimidin-4-yl}-piperidine-
4-carboxylic acid ethyl ester;

{6-[4-(3-Ethyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-5-nitro-pyrimidin-4-yl}-(2-fluoro-
phenyl)-amine;

{6-[4-(2-Methoxy-phenylsulfanyl)-piperidin-1-yl]-5-nitro-pyrimidin-4-yl}-(4-
[1,2,4]triazol-1-yl-phenyl)-amine;

(4-Methanesulfonyl-phenyl)-{5-nitro-6-[4-(pyridin-2-ylsulfanyl)-piperidin-1-yl]-
pyrimidin-4-yl}-amine;

(3-Methoxy-phenyl)-{5-nitro-6-[4-(pyridin-2-ylsulfanyl)-piperidin-1-yl]-pyrimidin-4-
yl}-amine;

Benzo[1,3]dioxol-5-yl-[5-nitro-6-(4-propyl-piperidin-1-yl)-pyrimidin-4-yl]-amine;

(4-Fluoro-phenyl)-{1-[5-nitro-6-(4-[1,2,4]triazol-1-yl-phenylamino)-pyrimidin-4-yl]-
piperidin-4-yl}-methanone;

[5-Nitro-6-(4-phenylsulfanyl-piperidin-1-yl)-pyrimidin-4-yl]-(4-[1,2,4]triazol-1-yl-
phenyl)-amine;

(4-Fluoro-phenyl)-{1-[6-(2-fluoro-phenylamino)-5-nitro-pyrimidin-4-yl]-piperidin-4-yl}-
methanone;

1-[6-(2-Methyl-5-phenyl-2H-pyrazol-3-ylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-
carboxylic acid ethyl ester;

(4-Methanesulfonyl-phenyl)-[5-nitro-6-(4-phenylsulfanyl-piperidin-1-yl)-pyrimidin-4-
yl]-amine;

(4-Methanesulfonyl-phenyl)-{5-nitro-6-[4-(pyridin-2-yloxy)-piperidin-1-yl]-pyrimidin-4-yl}-amine;

{6-[4-(4-Fluoro-phenoxy)-piperidin-1-yl]-5-nitro-pyrimidin-4-yl}-(4-methanesulfonyl-phenyl)-amine;

(4-Methanesulfonyl-phenyl)-{5-nitro-6-[4-(pyridin-4-yloxy)-piperidin-1-yl]-pyrimidin-4-yl}-amine;

(4-Methanesulfonyl-phenyl)-{5-nitro-6-[4-(pyrimidin-2-yloxy)-piperidin-1-yl]-pyrimidin-4-yl}-amine;

(4-Methanesulfonyl-phenyl)-{5-nitro-6-[4-(pyridin-4-ylsulfanyl)-piperidin-1-yl]-pyrimidin-4-yl}-amine;

(4-Methanesulfonyl-phenyl)-{6-[4-(4-methoxy-phenylsulfanyl)-piperidin-1-yl]-5-nitro-pyrimidin-4-yl}-amine;

[6-(4-Benzenesulfonyl-piperidin-1-yl)-5-nitro-pyrimidin-4-yl]-(4-methanesulfonyl-phenyl)-amine;

{4-[6-(4-Methanesulfonyl-phenylamino)-5-nitro-pyrimidin-4-yl]-piperazin-1-yl}-acetic acid ethyl ester;

(2-Fluoro-phenyl)-{5-nitro-6-[4-(pyridin-2-ylsulfanyl)-piperidin-1-yl]-pyrimidin-4-yl}-amine;

2-Methoxy-phenyl)-{5-nitro-6-[4-(pyridin-2-ylsulfanyl)-piperidin-1-yl]-pyrimidin-4-yl}-amine;

~~(4-Methanesulfonyl-phenyl)-{5-nitro-6-[4-[3-(3-trifluoromethyl-phenyl)-[1,2,4]oxadiazol-5-yl]-piperidin-1-yl]-pyrimidin-4-yl}-amine;~~

{6-[4-(3-Ethyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-5-nitro-pyrimidin-4-yl}-(4-methanesulfonyl-phenyl)-amine;

~~{6-[4-[5-(4-Fluoro-phenyl)-[1,3,4]oxadiazol-2-yl]-piperidin-1-yl]-5-nitro-pyrimidin-4-yl}-(4-methanesulfonyl-phenyl)-amine;~~

(4-Methanesulfonyl-phenyl)-[5-nitro-6-(4-pyridin-2-ylmethyl-piperidin-1-yl)-pyrimidin-4-yl]-amine;

4-[4-(3-Isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-6-(4-methylsulfanyl-phenylamino)-pyrimidine-5-carbonitrile;

1-{6-[4-(4,5-Dichloro-imidazol-1-yl)-phenylamino]-5-nitro-pyrimidin-4-yl}-piperidine-4-carboxylic acid ethyl ester;

Benzo[1,3]dioxol-5-yl-{5-nitro-6-[4-(pyridin-2-ylsulfanyl)-piperidin-1-yl]-pyrimidin-4-yl}-amine;

(4-Fluoro-phenyl)-{1-[6-(2-fluoro-phenylamino)-5-nitro-pyrimidin-4-yl]-piperidin-4-yl}-methanone;

{1-[6-(Benzo[1,3]dioxol-5-ylamino)-5-nitro-pyrimidin-4-yl]-piperidin-4-yl}-(4-fluoro-phenyl)-methanone;

(2,3-Difluoro-phenyl)-{5-nitro-6-[4-(pyridin-2-ylsulfanyl)-piperidin-1-yl]-pyrimidin-4-yl}-amine;

(2,4-Difluoro-phenyl)-{5-nitro-6-[4-(pyridin-2-ylsulfanyl)-piperidin-1-yl]-pyrimidin-4-yl}-amine;

(2,5-Difluoro-phenyl)-{5-nitro-6-[4-(pyridin-2-ylsulfanyl)-piperidin-1-yl]-pyrimidin-4-yl}-amine;

1-[6-(4-Benzenesulfonyl-phenylamino)-5-nitro-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-[5-Nitro-6-(2-trifluoromethyl-3H-benzimidazol-5-ylamino)-pyrimidin-4-yl]-piperidine-4-carboxylic acid ethyl ester;

1-{5-Nitro-6-[3-(1,1,2,2-tetrafluoro-ethoxy)-phenylamino]-pyrimidin-4-yl}-piperidine-4-carboxylic acid ethyl ester;

{6-[4-(4-Iodo-phenoxy)-piperidin-1-yl]-5-nitro-pyrimidin-4-yl}-(4-methanesulfonyl-phenyl)-amine;

(2-Fluoro-4-methanesulfonyl-phenyl)-{6-[4-(3-isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-5-nitro-pyrimidin-4-yl}-amine;

{6-[4-(3-Ethyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-5-nitro-pyrimidin-4-yl}-(2-fluoro-4-methanesulfonyl-phenyl)-amine;

(4-Methanesulfonyl-phenyl)-{5-nitro-6-[4-(3-propyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-pyrimidin-4-yl}-amine;

{6-[4-(3-Cyclopropylmethyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-5-nitro-pyrimidin-4-yl}-(4-methanesulfonyl-phenyl)-amine;

{6-[4-(3-Isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-5-nitro-pyrimidin-4-yl}-(4-methanesulfonyl-phenyl)-amine;

{6-[4-(3-Cyclopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-5-nitro-pyrimidin-4-yl}-(4-methanesulfonyl-phenyl)-amine;

4-[4-(3-Isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-6-(4-methylsulfonyl-phenylamino)-pyrimidine-5-carbonitrile;

4-[4-(3-Isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-6-(4-methanesulfonyl-phenylamino)-pyrimidine-5-carbonitrile;

(4-Methanesulfonyl-phenyl)-{5-nitro-6-[4-(4-trifluoromethoxy-phenoxy)-piperidin-1-yl]-pyrimidin-4-yl}-amine;

4-[4-(3-Isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-6-(4-methanesulfonyl-phenylamino)-pyrimidine-5-carbonitrile;

1-{1-[6-(2-Fluoro-4-methanesulfonyl-phenylamino)-5-nitro-pyrimidin-4-yl]-piperidin-4-yl}-hexan-1-one;

1-{1-[6-(4-Methanesulfonyl-phenylamino)-5-nitro-pyrimidin-4-yl]-piperidin-4-yl}-hexan-1-one;

{6-[4-(3-tert-Butyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-5-nitro-pyrimidin-4-yl}-(2-fluoro-4-methanesulfonyl-phenyl)-amine;

{6-[4-(3-tert-Butyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-5-nitro-pyrimidin-4-yl}-(4-methanesulfonyl-phenyl)-amine;

[6-(4-Benzofuran-2-yl-piperidin-1-yl)-5-nitro-pyrimidin-4-yl]-(4-methanesulfonyl-phenyl)-amine;

4-(3-Fluoro-4-methanesulfonyl-phenylamino)-6-[4-(3-isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-pyrimidine-5-carbonitrile;

{6-[4-(3-Isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-5-nitro-pyrimidin-4-yl}-(5-methanesulfonyl-pyridin-2-yl)-amine;

(3-Fluoro-4-methanesulfonyl-phenyl)-{6-[4-(3-isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-5-nitro-pyrimidin-4-yl}-amine;

{6-[4-(3-Isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-5-nitro-pyrimidin-4-yl}-(6-methanesulfonyl-pyridin-3-yl)-amine;

4-(2,3-Difluoro-phenylamino)-6-[4-(3-isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-pyrimidine-5-carbonitrile;

4-(2,5-Difluoro-phenylamino)-6-[4-(3-isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-pyrimidine-5-carbonitrile;

4-[4-(3-Isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-6-(4-methylsulfanyl-phenylamino)-pyrimidine-5-carbonitrile;

4-[4-(3-Isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-6-(4-methanesulfonyl-phenylamino)-pyrimidine-5-carbonitrile;

4-(4-Hexanoyl-piperidin-1-yl)-6-(6-methylsulfanyl-pyridin-3-ylamino)-pyrimidine-5-carbonitrile;

4-(4-Hexanoyl-piperidin-1-yl)-6-(6-methanesulfonyl-pyridin-3-ylamino)-pyrimidine-5-carbonitrile;

4-[4-(3-Isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-6-(6-methylsulfanyl-pyridin-3-ylamino)-pyrimidine-5-carbonitrile;

4-[4-(3-Isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-6-(6-methanesulfonyl-pyridin-3-ylamino)-pyrimidine-5-carbonitrile;

1-[4-[4-(3-Isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-6-(4-methanesulfonyl-phenylamino)-pyrimidin-5-yl]-ethanone;

and

1-[4-[4-(3-Isopropyl-[1,2,4]oxadiazol-5-yl)-piperidin-1-yl]-6-(6-methanesulfonyl-pyridin-3-ylamino)-pyrimidin-5-yl]-ethanone;

~~or a pharmaceutically acceptable salt, hydrate or solvate thereof.~~

75-77. (cancelled)

78. (currently amended) A pharmaceutical composition comprising at least one ~~agent~~ compound according to claim 1, 73 or 74 and a pharmaceutically acceptable carrier.

79. (withdrawn, currently amended) A method for prophylaxis or treatment of a metabolic disorder in an individual comprising administering to the individual a therapeutically effective amount of ~~an agent~~ a compound according to claim 1, 73 or 74 or a pharmaceutical composition thereof.

80. (withdrawn, currently amended) The method according to claim 79 wherein the metabolic disorder is type I diabetes, type II diabetes, inadequate glucose tolerance, insulin resistance, hyperglycemia, hyperlipidemia, hypertriglyceridemia, hypercholesterolemia, dyslipidemia, syndrome X or metabolic syndrome.
81. (withdrawn) The method according to claim 79 wherein the metabolic disorder is type II diabetes.
82. (withdrawn, currently amended) A method for controlling or decreasing weight gain of an individual comprising administering to the individual a therapeutically effective amount of an agonist a compound according to claim 1, 73, or 74 or pharmaceutical composition thereof.
83. (withdrawn) A method of modulating a **RUP3** receptor comprising contacting the receptor with a compound according to claim 1.
84. (withdrawn) A method of modulating a **RUP3** receptor in an individual comprising contacting the receptor with a compound according to claim 1.
85. (withdrawn) The method of modulating the **RUP3** receptor according to claim 84 wherein the compound is an agonist.
86. (cancelled)
87. (withdrawn) The method of modulating the **RUP3** receptor according to claim 85 wherein the modulation of the **RUP3** receptor is prophylaxis or treatment of a metabolic disorder.
88. (withdrawn) The method of modulating the **RUP3** receptor according to claim 87 wherein the metabolic disorder is type I, type II diabetes, inadequate glucose tolerance, insulin resistance, hyperglycemia, hyperlipidemia, hypertriglyceridemia, hypercholesterolemia, dyslipidemia, syndrome X or metabolic syndrome.
89. (withdrawn) The method of modulating the **RUP3** receptor according to claim 87 wherein the metabolic disorder is type II diabetes.
90. (withdrawn) The method of modulating the **RUP3** receptor according to claim 85 wherein the modulation of the **RUP3** receptor controls or reduces weight gain of the individual.

91. (withdrawn) The method according to claim 85 wherein the individual is a mammal.
92. (withdrawn) The method according to claim 91 wherein the mammal is a human.
- 93-99. (cancelled)
100. (withdrawn, currently amended) A method of producing a pharmaceutical composition comprising admixing at least one ~~agonist~~ compound according to claim 1, 73, or 74 and a pharmaceutically acceptable carrier.